

Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
June 5, 2014

Overview

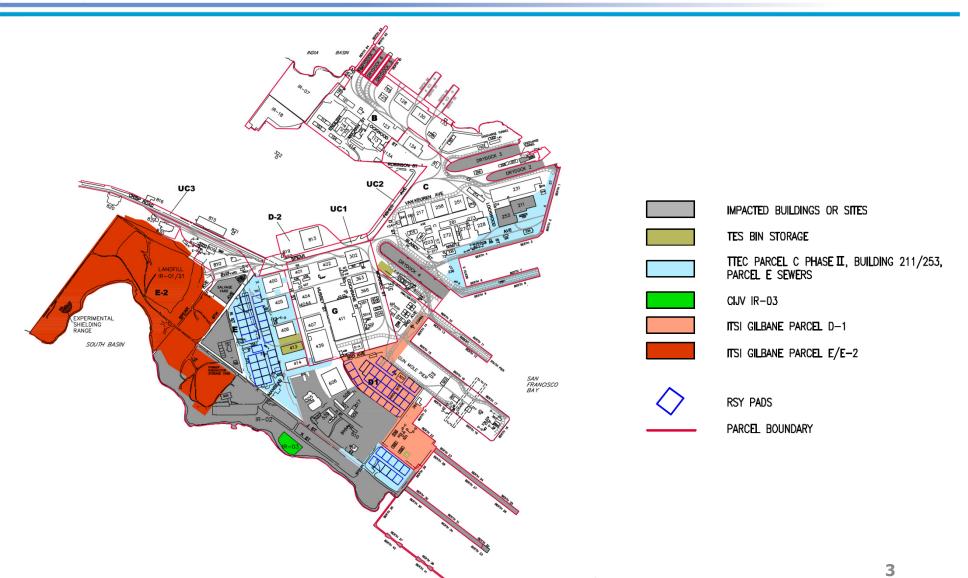


Radiological Project Work Overview

- Current Project Map
- Parcel C
 - Phase II Field Work
 - Ship Berth Survey
 - Buildings 253 and 211 Survey
- Parcel E
 - "I Street" SS/SD Removal
- Parcel D-1
- FSS Report Status

2014 Radiological Projects





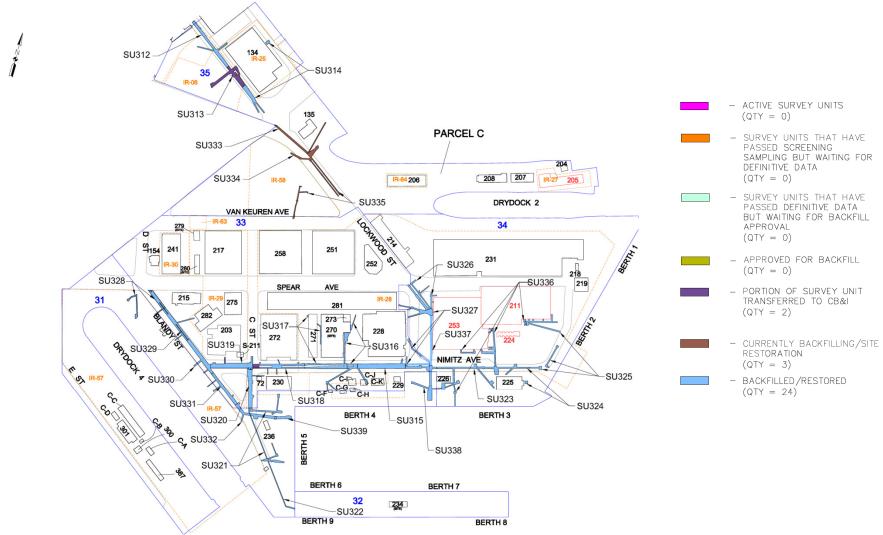
Parcel C - Phase II SS/SD Removal



- All 29 Trench Survey Units (SUs) Excavated:
 - 2 Radiologically cleared SUs; turned over to CB&I
 - 3 Backfilling/Restoring
 - 24 Backfilled/Restored
- Completed construction of the below ground storm water drainage system along Lockwood St.

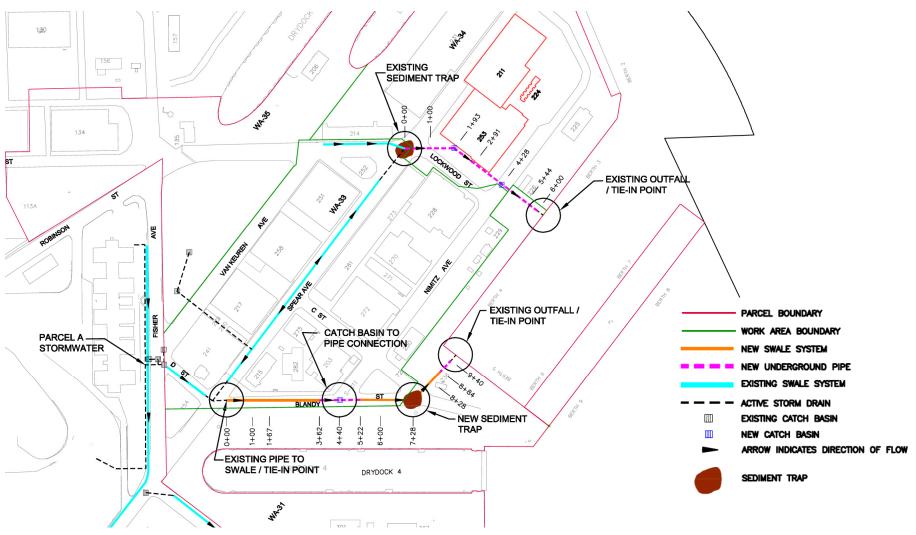
Parcel C - Phase II





Parcel C – Storm Water Drainage System







Parcel C - Phase II





Backfilling of SU 338, which is located between Buildings 226 and 229





Compaction of SU 333, which located along Lockwood St southeast of Building 135











Installation of storm water drainage system along Lockwood St



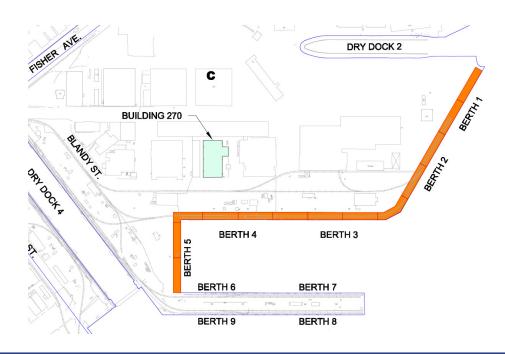
Parcel C – Phase II Ship Berth Surveys

Terrestrial (soil) Survey Units (Ship Berths 3, 4, and 5):

• SUs 1, 2, 3, 4, 5, 6, 7, 8, and 9 – Surveys complete

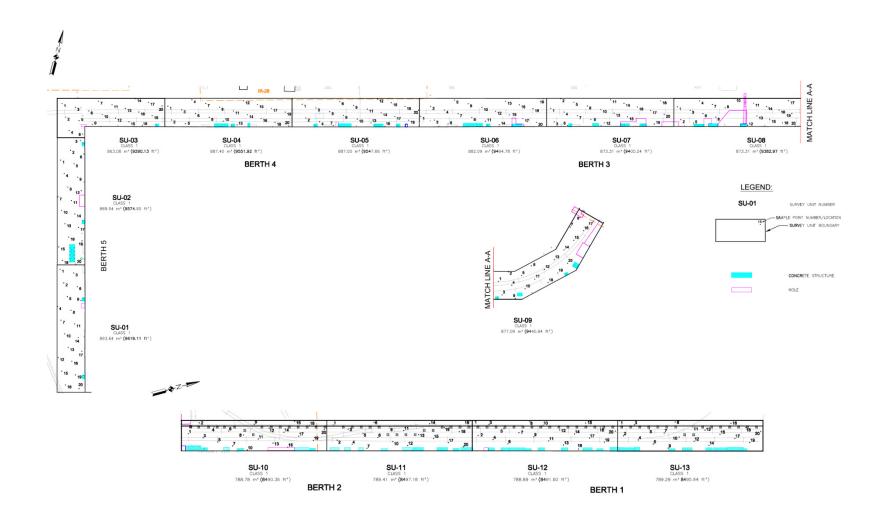
Cantilevered (concrete) Survey Units (Ship Berths 1 and 2):

SUs 10, 11, 12, and 13 – Surveys complete



Parcel C – Phase II Ship Berth Surveys





Buildings 253 and 211



- Continued characterization surveys:
 - Completed 98% of alpha/beta scans of the Class 1 areas
 - Completed 97% of the gamma scans of the Class 1 areas
 - Collected 98% of the systematic static and swipe samples from the Class 1 areas
 - Collected 62% of the biased static and swipe samples from the Class 1 areas
 - Collected 87% of the Class 3 static and swipe samples.
- Of the 259 SUs located within the buildings, 151 met release criteria, 32 exceeded release criteria, and 76 are in the process of being surveyed

Buildings 253 and 211





Performing Class 3 survey of escalator



Escalator in Building 253



Collecting static measurement from escalator step

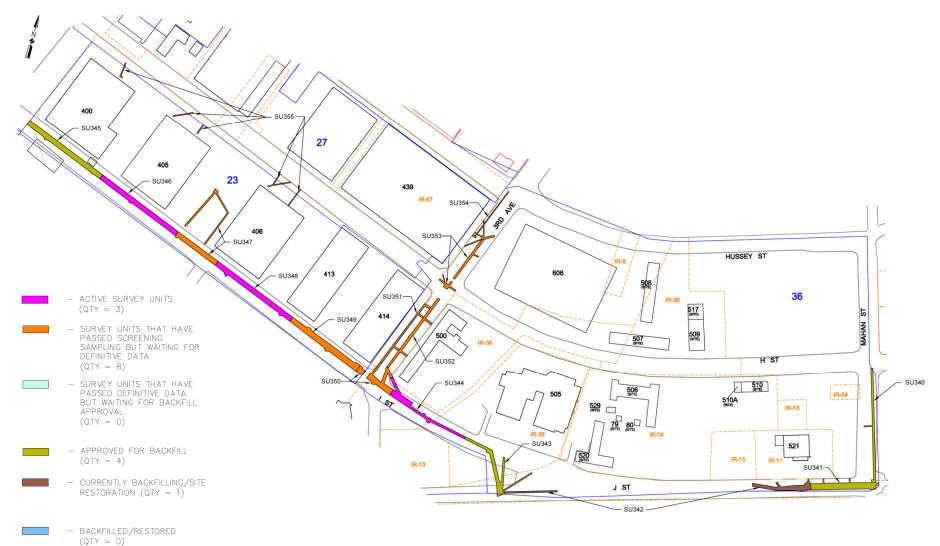
Parcel E SS/SD Removals "I Street"



- SS/SD Removal 100% complete with removal of 7,642 LF
- All 16 Trench SUs Excavated:
 - 3 Active SUs
 - 8 Passed screening sample analysis; awaiting definitive data
 - 4 Approved for backfill
 - 1 Currently backfilling/undergoing site restoration
- Approximately 26,945 LF of piping still remains in Parcel E/E2.

Parcel E SS/SD Removals "I Street"





Parcel E SS/SD Removals "I Street"







Collecting soil sample at SU 354, which is located east of Building 439



Decontaminating sampling equipment



Labeled soil sample

Parcel D-1 Phase I



Phase I

- Gun Mole Pier
 - CDPH confirmation surveys completed March 18
 - Recommendation for Unrestricted Radiological Release letter anticipated following CDPH analysis of confirmation samples and confirmation surveys

Parcel D-1 Phase II

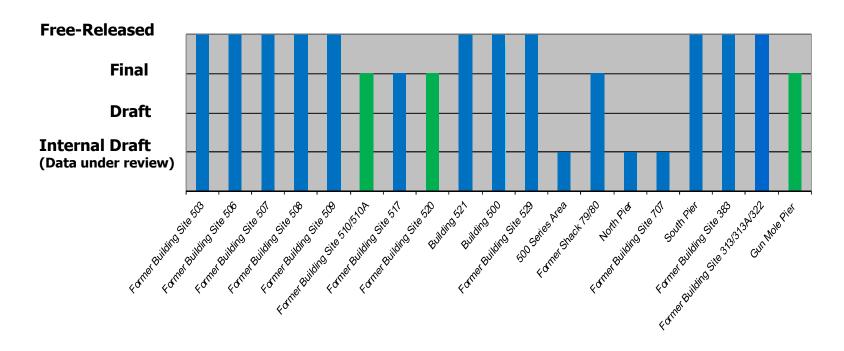


Phase II

- Completed scanning and sampling at 17 SUs and the NRDL site
- Temporarily demobilized from field work; submitted data packages for RASO review – 17 SUs are waiting for backfill
- Field Work to resume on July 12
 - Ship Berth 14 Survey
 - Disposal of wooden rail ties
 - Backfill of SS/SD trenches
 - De-construction and removal of RSY-2

FSS Report Status Parcels C, D-1, & E





Waiting for concurrence for Free-Release determination



Note: Awaiting CDPH pick-up of soil samples from the Former Shacks 79/80 and Former Building 517 Sites.

Project Field Schedules



- Parcel C Phase II July 25, 2014
- Parcel E "I Street" August 1, 2014
- Building 253/211 June 30, 2014
- Parcel D -1 September, 2014



Comments, Questions, Concerns?